What is claimed is:

1	1. A hollow core composite assembly, comprising:
2	a hollow core base including at least one open core surface; and
3	at least one solid film applied to said at least one open core
4	surface.
1	2. A hollow core composite assembly as described in claim
2	1, further comprising:
3	at least one adhesive layer positioned between said at least one
4	solid film and said at least one open core surface.
1	3. A hollow core composite assembly as described in claim
2	2, further comprising:
3	at least one dry face ply faid up dry and placed on said at least
· · · · · · · · · · · · 4 · · ·	one solid film; and
5	a liquid resin applied to said at least one dry face ply and then
, 6	cured.
1	4. A hollow core composite assembly as described in claim
2	3, wherein said at least one dry face ply includes a plurality of dry face plies.
1	5. A hollow core composite assembly as described in claim
2	1, wherein said hollow core base is a honeycomb core.
1	6. A hollow core composite assembly as described in claim
2	1, wherein said liquid resin is applied to said at least one dry face ply using
3	resin transfer molding.
1	7. A hollow core composite assembly as described in claim
· s	1, wherein said liquid resin is applied to said at least one dry face ply using
3	vacuum assisted resin transfer molding.

	8. A honow core composite assembly as described in claim
2,	1, wherein said liquid resin is applied to said at least one dry face ply using
3	vacuum-assisted-resin-infusion.
1	9. A hollow core composite assembly as described in claim
2	1, wherein said at least one adhesive layer is an uncured adhesive film.
1	10. A hollow core composite assembly, comprising:
1	_/
2	a hollow core base including at least one open core surface;
3	at least one solid film applied to said at least one open core
4	surface; and
5	at least one adhesive layer positioned between said at least one
6	solid film and said at least one open core surface.
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1	11. A hollow core composite assembly as described in claim
2	10, further comprising
3	at least one dry face ply laid up dry and placed on said at least
4	one solid film; and
5	a liquid resin applied to said at least one dry face ply and then
6	cured.
· · · i - · ·	12. A hollow core composite assembly as described in claim
2	11, wherein said at least one dry face ply includes a plurality of dry face plies.
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-	12 A hallow come community and described in alaim
1	13. A hollow core composite assembly as described in claim
2	11, wherein said hollow core base is a honeycomb core.
1	14 A hollow core composite assembly as described in claim
2	11, wherein said liquid resin is applied to said plurality of dry face plies using
3	resin transfer molding.
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		1	15. A hollow core composite assembly as described in claim
		2	11, wherein said liquid resin is applied to said plurality of dry face plies using
	·	3	vacuum-assisted-resin-transfer-molding.
		1	16. A hollow core composite assembly as described in claim 11,
		2	wherein said at least one adhesive layer is an uncured adhesive film.
		1	17. A method of producing a hollow core composite
		2	assembly comprising:
		3	applying a film adhesive to an open core surface of a hollow core
	V	4	base; and
		5	applying a solid film to said open core surface.
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	7h	1	18. A method of producing a hollow core composite
	P	2	assembly as described in claim 17, further comprising:
T		3	laying up dry at least one dry face ply on top of the solid film;
ill Li	A Communica	4	applying liquid resin/to said at least one dry face ply; and
	· · ·	5	curing the hollow core composite assembly.
H		1	19. A method of producing a hollow core composite
		2.	assembly as described in claim/18, further comprising:
	-	3	curing said solid film to said open core surface by said applying
<u></u>		4	liquid resin.
		_	
0		1	20. A method of producing a hollow core composite
		2	assembly as described in glaim 18 further comprising:
		3	pre-curing said solid film to said open core surface.
		1	21. A method of producing a hollow core composite
	۱۸	2	assembly as described in claim 17, wherein said applying liquid resin is
	(h)	·3 · ··	accomplished utilizing a resin transfer molding process.



22. A method of producing a hollow core composite assembly as described in claim 17, wherein said applying liquid resin is accomplished-utilizing-a-vacuum-assisted-resin-transfer-molding-process.